

Recombinant Influenza A H1N1 (A/Puerto Rico/8/1934) HA protein, His-tagged

Cat. No. HA-1573I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 (A/Puerto Rico/8/1934) HA protein, His-tagged Recombinant Influenza A H1N1 (A/Puerto Rico/8/1934) HA protein(ABD77675.1)(Met1-Gln528), fused with His tag, was expressed in HEK293.
Species	Influenza A H1N1 (A/Puerto Rico/8/1934)
Source	HEK293
ProteinLength	Met1-Gln528
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 0.1M Arginase, 0.1M glutamic acid, 10% Glycine, 0.01% tween20, pH8.5 Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant influenza A H1N1 (A/Puerto Rico/8/1934 (H1N1)) HA comprises 522 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 60-70 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE.

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Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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